BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work : improvements of cross Roads and Drains at Venkatagiri Layout in ward no:10.

Estimated cost : Rs 10.00 Lakhs						**Job No**	**010-12-000049**	
Sl No	**Description of item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	KSRRB 300-45:**Scarifying stone metal crust** 50mm to 100mm thick with pick axes along with premix carpet/surface dressing and stacking of old serviceable materials within a lead of 100 meters by manual means including cost of all labour charges complete as per specifications. MORTH chapter 3, No. 156/ Item No. 19.51/ PWD SR 2012-13								
	cross road	**Sqm**	1	150.00	4.00		600.00		
	Temple Road		1	160.00	3.50		560.00		
	Interrior cross road		1	100.00	3.90		390.00		
	Basic rate	33.25					**1550.00**	35.91	55661.00
	Add 8% AW	2.66							
		35.91							
2	KSRB 2-1.1: **Earth work in surface excavation in ordinary soil for leveling and lowering the ground** manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2012-13								
	cross road	Cum	1	150.00	5.10	0.15	114.75		
	Temple Road		1	160.00	4.85	0.15	116.63		
	Interrior cross road		1	100.00	5.50	0.15	82.50		
	Basic rate	104.00					**313.88**	112.32	35255.00
	Add 8% AW	8.32							
		112.32							
3	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, No. 167/ Item No. 20.18/ PWD SR 2012-13								
	cross road	**Cum**	1	150.00	5.10	0.150	114.75		
	Temple Road		1	160.00	4.85	0.150	116.63		
	Interrior cross road		1	100.00	5.50	0.150	82.50		
							313.88	1059.48	332550.00
	Basic rate	981.00							

	Add 8% AW	78.48							
		1059.48							
	KSRRB 500-2: **Cleaning the existing black topped** surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH chapter 5. No. 172/ Item No. 21.2/ PWD SR 2012-13								
	cross road	**Sqm**	1	150.00	5.10		765.00		
	Temple Road		1	160.00	4.85		777.50		
	Interrior cross road		1	100.00	5.50		550.00		
							2092.50	**2.38**	4971.78
	Basic rate	2.20							
	Add 8% AW	0.18							
		2.38							
5	KSRRB M500-6: **Providing and applying primer coat with bitumen emulsion** on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH specification NO. 502, No. 172/ Item No. 21.6/ PWD SR 2012-13								
	cross road	**Sqm**	1	150.00	5.10		765.00		
	Temple Road		1	160.00	4.85		777.50		
	Interrior cross road		1	100.00	5.50		550.00		
							2092.50	**39.64**	82938.33
	Basic rate	36.70							
	Add 8% AW	2.94							
		39.64							
6	KSRRB M500-18: Providing and laying **semi dense bituminous concrete 25mm thick with 100-120 TPH** batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications.25-30mm compacted thikness with 5% Birumen80/100grade (gradingII) P.No. 174/ Item No. 21.20.1/ PWD SR 2012-13								
	cross road	**Cum**	1	150.00	5.10	0.025	19.13		
	Temple Road		1	160.00	4.85	0.025	19.43		
	Interrior cross road		1	100.00	5.50	0.025	13.75		
							52.31	**8829.00**	461801
	Basic rate	8175.00							
	Add 8% AW	654.00							
		8829.00							

7	**Lead for Disposal of Debris** shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 7.00 Km Average Weight of Earth 1.28 Ton/Cum (PWD SR 2010-11 P.118/I.17.1) Basic Rate Lead 1.28x2.0x 7 17.92 loading and unloading 62.20 80.12 /cum					
			Qty. Vide Item No. 1	**313.88**	80.12	25148.00
8	Miscellaneous and unforeseen charges				L.s	1615.83
					Total	**1000000.00**
	(Rupees Ten lakhs Only)					

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2012-13.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
ward No 10

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatrayanpura Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 10 Lakhs
Rupees Ten Lakhs only

Under P2434 Development Works for Bangalore City
Registered as EE ( ) No 3 9
Subject to conditions contained in enclosed memo EE (V) No 544 /2012-13
Dt 10.9.2012 Estimate A/S
Sc(4el) A1A No 544/2012-13
dated 10.9.2012 Rs 10 Lakhs

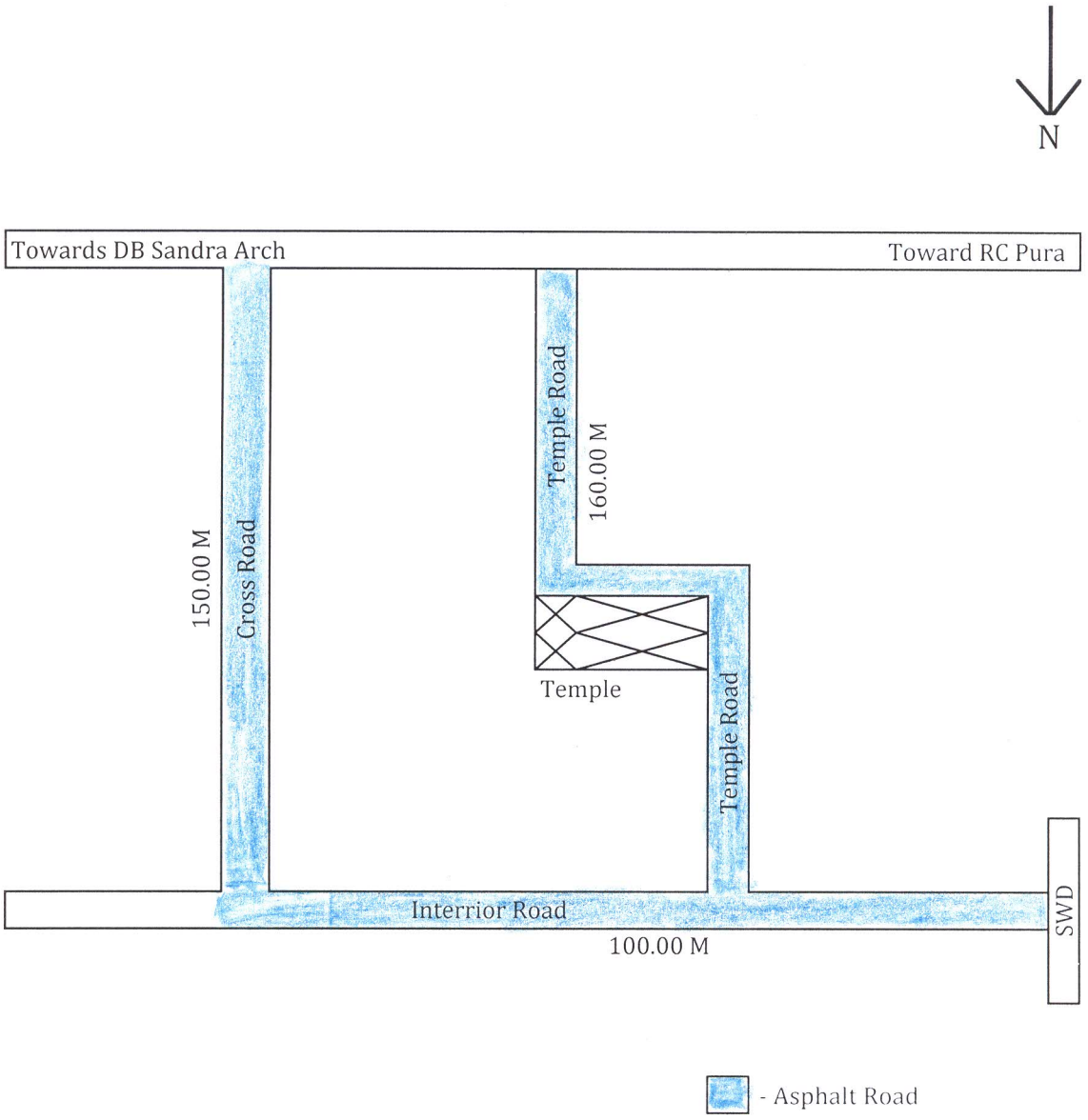
Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92.

Technical sanction for Rs. 10.00 lakhs
ten lakhs only
under P-2434
Development works in
Bangalore city
registered as EE No 223 / Subject
to conditions contained enclosed memo.
No: 223/273 / Dr. 10.9.12

AE/JE

EE (BTP. Div.)

Sketch Showing the Work of Improvements of Cross Roads and Drains at Venkatagiri Layout in Ward No. 10 (Doddabommasandra), Vidyarnyapura Sub Division.



Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division

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